

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                 | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------|------------------|---------|---------------------|
| S3    | 173  | (extent SAME allocat\$5)<br>AND (bitmap SAME allocat\$5)  | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2009/04/21<br>16:54 |
| S7    | 6    | extent AND bitmap AND<br>allocat\$5   | DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/04/21<br>17:05 |
| S16   | 108  | (extent SAME allocat\$5)<br>AND (linked list SAME<br>allocat\$5)  | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2009/04/22<br>08:34 |
| S17   | 16   | (allocat\$5 WITH linked<br>list) AND (allocat\$5 WITH<br>bitmap) AND (allocat\$5<br>WITH (extent OR<br>segment))                                | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2009/04/22<br>08:35 |
| S19   | 1271 | (711/165).CCLS  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>08:55 |
| S20   | 3517 | (711/170).CCLS  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>08:55 |
| S21   | 743  | (711/171).CCLS  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>08:55 |
| S22   | 1372 | (711/173).CCLS  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>08:55 |
| S25   | 63   | allocat\$5.ab. AND linked<br>list AND bitmap AND<br>(extent OR segment)<br>AND (level OR hierarch<br>\$5)                                       | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2009/04/22<br>08:59 |
| S26   | 1    | ("20020032844").PN.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>09:03 |
| S28   | 1    | ("5784699").PN.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/22<br>09:18 |
| S34   | 91   | ((((real time OR real<br>\$1time) SAME allocat\$5)<br>OR ((real time OR real<br>\$1time) AND allocat\$5.<br>ab.)) AND bitmap AND<br>linked list | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2009/04/22<br>12:30 |
| S36   | 1    | ("20030121030").PN.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/04/28<br>09:01 |

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| S66 | 195  | (extent SAME allocat\$5)<br>AND (bitmap SAME allocat\$5)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:42 |
| S67 | 7    | extent AND bitmap AND<br>allocat\$5  | DERWENT;<br>IBM_TDB   | ADJ | ON  | 2010/01/11<br>17:42 |
| S68 | 117  | (extent SAME allocat\$5)<br>AND (linked list SAME<br>allocat\$5)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S70 | 19   | (allocat\$5 WITH linked<br>list) AND (allocat\$5 WITH<br>bitmap) AND (allocat\$5<br>WITH (extent OR<br>segment)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S71 | 1419 | (711/165).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/01/11<br>17:43 |
| S72 | 3886 | (711/170).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/01/11<br>17:43 |
| S73 | 831  | (711/171).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/01/11<br>17:43 |
| S74 | 1497 | (711/173).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/01/11<br>17:43 |
| S75 | 66   | allocat\$5.ab. AND linked<br>list AND bitmap AND<br>(extent OR segment)<br>AND (level OR hierarch<br>\$5)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |

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| S76 | 94  | ((((real time OR real \$1time) SAME allocat\$5) OR ((real time OR real \$1time) AND allocat\$5. ab.)) AND bitmap AND linked list          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S77 | 282 | allocat\$5 WITH (look \$1up table OR look up table) WITH memory   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S78 | 1   | ((allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (allocat\$5 WITH (best \$1fit OR best fit))       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S79 | 13  | ((allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (best \$1fit OR best fit))                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S80 | 80  | ((allocat\$5 SAME (hierarch \$ OR level)) AND (allocat \$5 SAME (look\$1up table OR look up table) SAME bit) AND (allocat\$5 WITH memory) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S81 | 1   | ("20050102331").FN.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO                                   | OR  | OFF | 2010/01/11<br>17:43 |
| S82 | 3   | extent WITH allocat\$5 WITH (look\$1up table OR look up table)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/11<br>17:43 |
| S84 | 219 | (extent SAME allocat\$5) AND (bitmap SAME allocat \$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:15 |
| S85 | 7   | extent AND bitmap AND allocat\$5  | DERWENT;<br>IBM_TDB   | ADJ | ON  | 2010/09/14<br>16:15 |

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| S86 | 120  | (extent SAME allocat\$5)<br>AND (linked list SAME<br>allocat\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:15 |
| S87 | 22   | (allocat\$5 WITH linked<br>list) AND (allocat\$5 WITH<br>bitmap) AND (allocat\$5<br>WITH (extent OR<br>segment))                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:15 |
| S88 | 1579 | (711/165).CCLS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/09/14<br>16:15 |
| S89 | 4351 | (711/170).CCLS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/09/14<br>16:15 |
| S90 | 930  | (711/171).CCLS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/09/14<br>16:16 |
| S91 | 1619 | (711/173).CCLS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2010/09/14<br>16:16 |
| S92 | 70   | allocat\$5.ab. AND linked<br>list AND bitmap AND<br>(extent OR segment)<br>AND (level OR hierarch<br>\$5)                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S93 | 102  | ((((real time OR real<br>\$1time) SAME allocat\$5)<br>OR ((real time OR real<br>\$1time) AND allocat\$5.<br>ab.)) AND bitmap AND<br>linked list | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |

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| S94  | 308 | allocat\$5 WITH (look \$1up table OR look up table) WITH memory   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S95  | 2   | {allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (allocat\$5 WITH (best \$1fit OR best fit))      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S96  | 15  | {allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (best \$1fit OR best fit)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S97  | 90  | {allocat\$5 SAME (hierarch \$ OR level)) AND (allocat\$5 SAME (look\$1up table OR look up table) SAME bit) AND (allocat\$5 WITH memory) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S98  | 3   | extent WITH allocat\$5 WITH (look\$1up table OR look up table)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S99  | 316 | (711/170-173).CCLS.<br>AND (look\$1up table OR look up table)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S100 | 1   | ("20020085433").FN.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO                                   | OR  | OFF | 2010/09/14<br>16:16 |
| S101 | 63  | (711/170-173).CCLS.<br>AND (table WITH mask)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S102 | 16  | segregated fit  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |

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| S103 | 7    | (look\$1up table OR look up table) WITH (most significant bits!) WITH mask                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/09/14<br>16:16 |
| S106 | 237  | (extent SAME allocat\$5) AND (bitmap SAME allocat\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/03/31<br>14:26 |
| S107 | 7    | extent AND bitmap AND allocat\$5   | DERWENT;<br>IBM_TDB   | ADJ | ON  | 2011/03/31<br>14:26 |
| S108 | 124  | (extent SAME allocat\$5) AND (linked list SAME allocat\$5)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/03/31<br>14:26 |
| S109 | 23   | (allocat\$5 WITH linked list) AND (allocat\$5 WITH bitmap) AND (allocat\$5 WITH (extent OR segment)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/03/31<br>14:26 |
| S110 | 1693 | (711/165).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/03/31<br>14:26 |
| S111 | 4669 | (711/170).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/03/31<br>14:26 |
| S112 | 990  | (711/171).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/03/31<br>14:26 |
| S113 | 1731 | (711/173).CCLS   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/03/31<br>14:26 |

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| S114 | 73  | allocat\$5.ab. AND linked list AND bitmap AND (extent OR segment) AND (level OR hierarch \$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S115 | 107 | ((real time OR real \$1time) SAME allocat\$5) OR ((real time OR real \$1time) AND allocat\$5.ab.)) AND bitmap AND linked list            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S116 | 325 | allocat\$5 WITH (look \$1up table OR look up table) WITH memory  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S117 | 2   | (allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (allocat\$5 WITH (best \$1fit OR best fit))       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S118 | 16  | (allocat\$5 WITH (look \$1up table OR look up table)) AND (allocat\$5 WITH memory) AND (best \$1fit OR best fit)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S119 | 95  | (allocat\$5 SAME (hierarch \$ OR level)) AND (allocat \$5 SAME (look\$1up table OR look up table) SAME bit) AND (allocat\$5 WITH memory) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:26 |
| S120 | 3   | extent WITH allocat\$5 WITH (look\$1up table OR look up table)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:27 |
| S121 | 361 | (711/170-173).CCLS. AND (look\$1up table OR look up table)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:27 |

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| S122 | 64 | (711/170-173). CCLS AND (table WITH mask)                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:27 |
| S123 | 16 | segregated fit   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:27 |
| S124 | 7  | (look\$1up table OR look up table) WITH (most significant bits!) WITH mask | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/03/31<br>14:27 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query   | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------------------|------------------|---------|------------------|
| S83   | 3    | (boule.in. OR lebee.in. OR jaluna.as.) AND allocat\$.clm.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2010/01/11 17:43 |
| S104  | 3    | (boule.in. OR lebee.in. OR jaluna.as.) AND allocat\$.clm.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2010/09/14 16:17 |
| S105  | 3    | (711/165,170-173). CCLS AND (bit OR bitmask OR bitmap). CLM AND (look\$1up table OR look up table). CLM AND (free OR empty OR available). CLM AND allocat\$5. CLM. | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2010/09/14 16:17 |
| S125  | 3    | (boule.in. OR lebee.in. OR jaluna.as.) AND allocat\$.clm.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2011/03/31 14:27 |
| S126  | 3    | (711/165,170-173). CCLS AND (bit OR bitmask OR bitmap). CLM AND (look\$1up table OR look up table). CLM AND (free OR empty OR available). CLM AND allocat\$5. CLM. | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2011/03/31 14:27 |



**3/31/2011 3:31:48 PM**

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